

September 2015

## TURI Community Grantees for FY16



From left to right: Art Goodhind, Town of Natick; Courtney Carignan, Silent Spring Institute; Jillian Wilson-Martin, Town of Natick; Brianna Eichstaedt, Town of Greenfield; Ryan Bouldin, Bentley University; Joy Onasch, TURI; Elisabeth Phillips-Jones, YWCA of Lowell; Maria Scholl, TURI

For the Fiscal Year 2016, TURI has awarded grants to these community-based projects:

- **Silent Spring Institute**, Newton, "Reducing Reliance on Flame Retardants Used in Gymnastic Facilities" - The project team will investigate and test the effectiveness of inherently flame resistant fabric covers on polyurethane foam cubes used in gymnastics facilities.
- **YWCA of Lowell**, "Girls Going Green-Naturally Beautiful" - Building upon last year's project, The Girls Going Green program at the YWCA of Lowell will offer workshops and events for teenagers about safer beauty and personal care products.
- **Greenfield Health Department**, "Go Green Safer Sanitizers for Food Service" -The project team will reduce toxics use in food service by compiling information on certified green cleaning products, practices and benefits.
- **Town of Natick**, "Pesticide Reduction in Residential and Municipal Land Management" - The town's Land Facilities and Natural Resources team will pilot organic land care practices on three municipal properties: Bacon Free Library , Memorial Elementary School soccer field and the new John J. Lane Park.

## TURI FY16 Small Business Grant

A new grant opportunity for 2015 is our small business grant. We will provide funding for businesses that are interested in reducing their use of toxic chemicals within their facilities. Up to \$10,000 is available for the purchase and installation of new equipment or materials to reduce the use of toxic chemicals.

The deadline for this year's grant is October 30th, 2015. Please view the [application](#).

## Upcoming TURA Events

[Franklin Paint Demonstration of Effective TUR in Product Formulation](#) - October 15, Franklin

In the past two decades, Franklin Paint has dramatically reduced the use of hazardous chemicals, including heavy metals, in its paint, and improved safety in the workplace. Franklin Paint has eliminated the use of xylene and methanol and reduced the use of three other TURA reportable substances below reporting thresholds, while increasing overall paint production. Franklin has achieved these results by proactively engaging with the TUR Program to identify new options, and by using the TUR approach at the product development stage.

[Register](#) for this free demonstration.

- **Bentley University**, "Safe, Healthy, Affordable, Responsible Environments (SHARE) for Early Childhood Education" -The project team aims to reduce exposure of children to phthalates and flame retardants. The team will survey childcare facilities to learn what products they use and test the products for chemicals.

You can view the full press release [here](#).

## Research Grants: UMass Lowell Researchers Partner with MA Businesses



Assoc. Prof. Nagarajan will partner with Siemens Healthcare Diagnostics in Norwood to research safer alternative surfactants used in diagnostic laboratory testing products.

Asst. Prof. Hansen will work with ITW Polymer Sealants in Rockland to research safer alternatives to solvents currently used in contact adhesive products.



In addition to these funded projects, Jason Marshall and Greg Morose from TURI will work directly with Savogran in Norwood to research safer alternatives to methylene chloride used in household paint stripping formulations. The research will involve UMass Lowell students and the performance testing for the alternatives will be conducted at the TURI Laboratory.

## TURA Amnesty Announcement for Voluntary Disclosure

The MassDEP is offering a TURA amnesty (until June 30, 2016) for facilities that voluntarily disclose a past failure to file one or more TURA chemical use reports. The amnesty substantially reduces the required fees and substitutes a warning letter for a notice of noncompliance for these facilities. The facilities must self disclose to qualify for the amnesty. If MassDEP discovers a facility should have been filing, it will be subject to the normal enforcement actions. The amnesty terms are posted [here](#).

## [Continuing Education Conference](#) - November 19, Lowell

The conference will feature a keynote address from Michael Faigen, CEO of Stainless Steel Coatings in Lancaster, a TURA 25th anniversary honoree. Stainless Steel Coatings, Inc. (SSC), makers of a rugged, industrial coating (STEEL-IT) used in corrosive and high impact applications, has taken a number of steps to reduce toxics, improve energy efficiency, and increase worker safety.

Following the keynote address, we'll have a workshop on TUR Options Identification. This workshop will include tools to help in identifying options, as well as a review of the 6 TUR techniques.

For the afternoon, attendees can choose a session on health and safety considerations of engineered nano materials, a session on best practices in proactive chemicals management developed by an ongoing peer-mentoring workgroup that includes Siemens Healthcare Diagnostics, Essilor USA, Analog, Inc., Entegris, Waters Corporation, Biogen, EMD Millipore and MassMEP. There will be a third technical session to be announced.

## [Analog Devices Process Water Conservation Demonstration](#) - November 16, Wilmington

Analog Devices has implemented several water use reduction initiatives that have resulted in over 90 million gallons per year of water use savings. Examples of water conservation projects implemented include process water reclaim/reuse, process equipment water balancing, scrubber and cooling tower reclamation. Innovations in

## The TURA 2014 [Annual Report](#) is Available

instrumentation and treatment system management, along with enhanced communication across facility operations, have been key factors in their success.

[Register](#) for this free demonstration.

See the entire 2015-2016 [TURA Training Schedule](#).

### TURI Open House

October 28, 3:00 to 5:00 PM



### Other Events of Interest

[Webinar: Safer Alternatives to Methylene Chloride in Paint Strippers](#)

Join Dr. Bingxuan Wang of ToxServices, LLC and Molly Jacobs of the Lowell Center's Environmental Health Program.

[October is Massachusetts Manufacturing Month!](#)

## Other News

**Robert Kerr of Pure Strategies** has recently written an article on how to utilize chemical management software. Adopting a sustainable chemicals management program is a company's best response to changes in the market. Software systems designed to access this necessary chemical information can save resources, design safer products and allow more rapid response to changing market demands for ingredients and materials. To see the full article, click [here](#).

*TURI offers services & programs to reduce the use of toxic chemicals, energy and water while enhancing the competitiveness of local businesses.*

Visit us at [our website](#), at [Facebook](#), or at [our offices](#) on the UMass Lowell campus.